



## REPLACEMENT CLAIM

- 5 -

19. A method for treatment of neurodegenerative conditions and effects of aging, including autoimmune conditions and fibromyalgia, said method comprising the steps of:

B | administering to a patient a compound effective for increasing neuronal metabolism of histamine to a histamine H<sub>2</sub> agonist, in an amount sufficient that said histamine H<sub>2</sub> agonist is produced in an amount adequate to stimulate production of cyclic AMP at a level which maintains myelin against undergoing self-degeneration;

the step of administering a compound comprising administering a histamine H<sub>3</sub> antagonist to said patient so as to inhibit neuronal metabolism of tele-methylhistamine to an H<sub>3</sub> agonist and thereby increase neuronal metabolism of tele-methylhistamine to an H<sub>2</sub> agonist.